

Mc KEE OVERHEAD GARAGE DOORS

ATTRACTIVELY
DESIGNED
FOR
ANY
HOME



THE BEST
IMPROVED
AND
PERFECTED
DOOR
FOR GARAGES,
SERVICE STATIONS,
FACTORIES AND
WAREHOUSES

Mc KEE DOOR COMPANY

6224-28 So. Oakley Ave. Chicago, Ill.

ADVANTAGES AND USE OF McKEE DOORS



McKEE DOORS

are the only **SAFE DOORS** manufactured with a **completely sealed** counter-balance mechanism.

McKEE DOORS

will **modernize** the home more than any other comparable expenditure. Their use will add **distinction** and **value** to the home.



McKEE DOORS are perfectly balanced in all positions. The counter-balance is such that a child may operate the door.

McKEE DOORS

can be designed to conform with all types of **architecture**.

ECONOMIES for the owner are insured by a **standard of quality** of materials and workmanship; dependable and easy operation; smoothness and quietness; efficient, long life performance; convenience.



ADVANTAGES AND USE OF McKEE DOORS

Warehouse Loading Platforms and Freight Depots Utilize the Advantages of McKEE Doors

A close wedge fit provides a weather-tight door. The door frees itself from the jamb in opening so that no scraping, rubbing or binding will hinder its operation. Ice and snow do not affect the operation of the doors. They lift straight up and roll back overhead in an out of the way position.

The inconvenience of sagging, warping and binding is eliminated by the use of **McKEE DOORS**.



Warehouse or Loading Platform



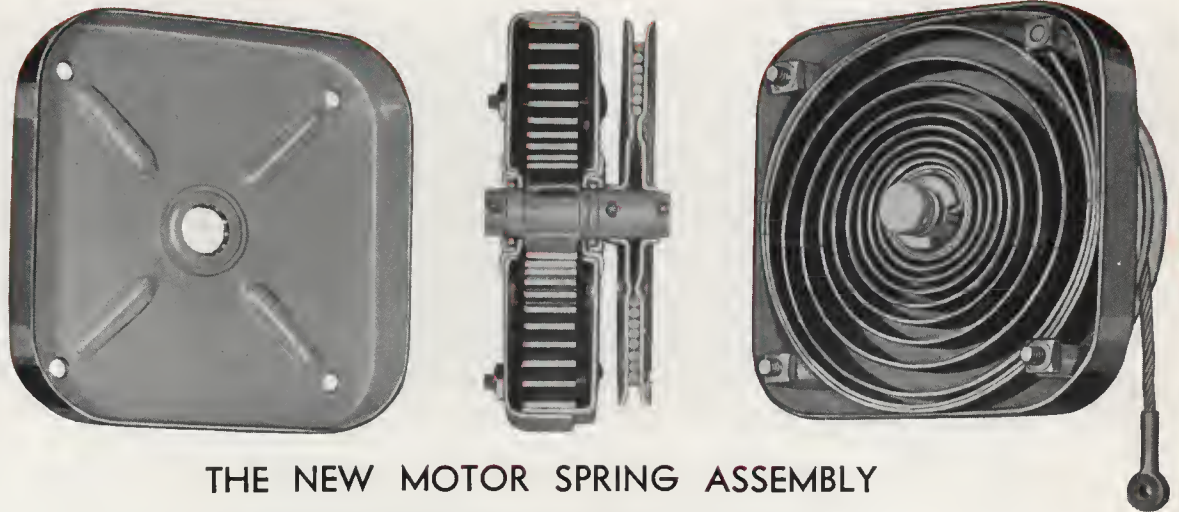
Modernize your Service Station with the best up-to-date and scientifically constructed door. The combined advantages of safety, ease of operation, appearances, and long life, make the **McKEE DOOR** the least expensive to purchase. Light is an important factor to Service Stations; the doors may be furnished with any of the sections sash, open for glass, without additional cost.



McKEE DOORS are completely out of the way, furnish dependable operation, and conserve valuable space. A clear and unobstructed opening is assured at all times. **McKEE DOORS** can be opened quickly and easily at all times. There is a considerable saving by retaining the heat in buildings during the winter months.

The Counter-Balancing Motor Spring

**SUPERIOR
POWERFUL
ADJUSTABLE
EFFICIENT
DURABLE
COMPACT
NEAT
ENCASED
SAFE**



THE NEW MOTOR SPRING ASSEMBLY
"BALL BEARINGS ROLL THE FRICTION AWAY"

Good Counter - Balancing becomes Better Counter - Balancing when made a **Ball - Bearing Assembly**. Ball - Bearing construction permits greater loads, reduces friction, gives longer life, and requires less care.

MOTOR SPRING COUNTER-BALANCE

The springs are made of the highest grade spring steel, carefully tempered to insure lasting service.

The spring is completely encased in a heavy gauge steel housing which is mounted on the tracks. The outer end of the spring is held by a bolt in housing, while the inner end of the spring is anchored to the case-hardened shaft. The shaft rotates on ball bearings in the housing, eliminating friction and gaining maximum efficiency under heavy loads.

The spring winds upon itself; therefore, it cannot be overloaded. The sealed spring is packed in graphite lubricant, which adds to its life.

Adjustment of the spring for exact tension is made by resetting the position of shaft $1/6$ th turn, arriving at a perfect counter-balance.

The cable sheave is of heavy pressed steel attached to the shaft in the spring assembly. The cable winds on itself in the sheave thereby increasing or decreasing the lever arm to compensate for the variable weight of door in its various positions.

For additional clearance doors a variable cone sheave is used, which eliminates the use of a blind section. The variable cone sheave is so designed to give perfect counter-balance.

TRACKS

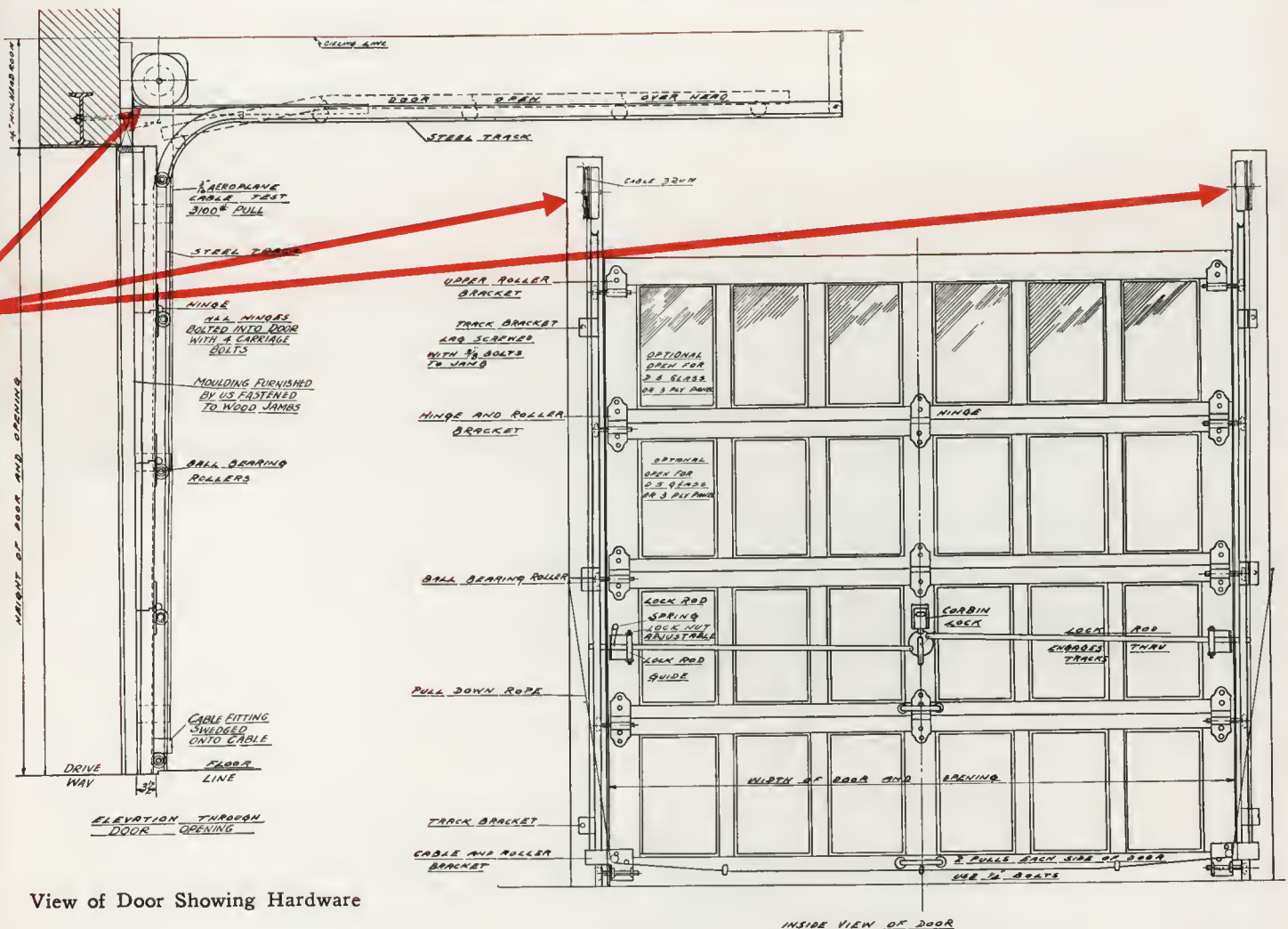
The tracks are specially rolled and designed that rollers cannot slip out of track. Vertical track members are mounted on substantial steel brackets or angle mountings depending upon the size of the door. Curved horizontal tracks are reinforced with angle.

HINGES

The hinges pivot on a solid pin independent of the roller axle, the roller shaft rides in special loops. Hinges are bolted to door with carriage bolts.

ROLLERS

The Ball-Bearing rollers for small doors are extra strong with hardened shafts. The halves are pressed and locked together so they cannot come apart. Large doors are furnished with heavy machined rollers.



View of Door Showing Hardware

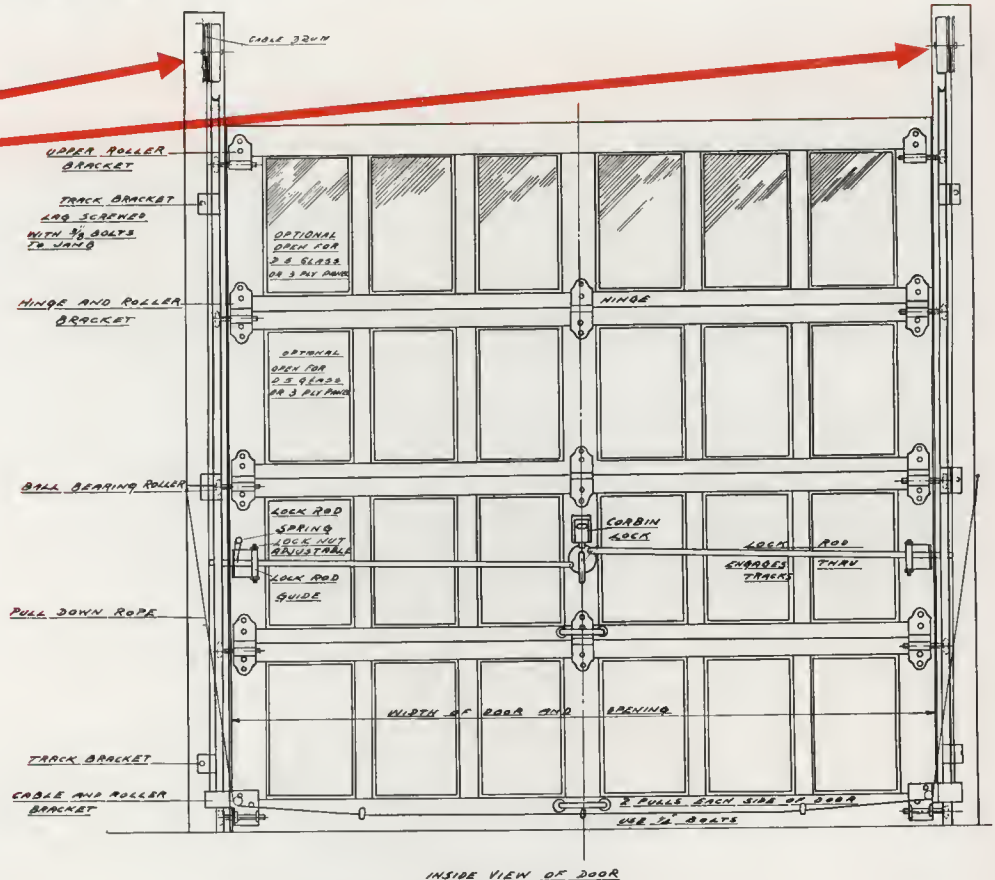
LOCKING DEVICE

The locking device operates with a throw-out rod which engages in the track on each side. Guide brackets with set screw adjustment keep each arm in perfect alignment. A heavy Corbin lock engages the locking disc. The door is opened from the outside by key only. The door can be locked or unlocked from either side.

WOOD DOOR CONSTRUCTION

Stock Door Construction is a panelled sectional door. Substantial size rails and stiles made of White Pine or Sitka Spruce are mortised and tenoned. Sections are rabbetted together. The number of panels across each section or openings for glass depend upon the width of the door. Panels are $\frac{3}{8}$ "—three-ply fir made with aeroplane waterproof glue.

Special Design Doors may be made to order.



INSIDE VIEW OF DOOR

Sections for Door Height

Doors up to 8'5" high—4 Sections.

Doors 8'6" thru 10'5"—5 Sections.

Doors 10'6" thru 12'5"—6 Sections.

Doors 12'6" thru 14'5"—7 Sections.

Size of doors in stock for immediate Delivery

8'0" x 7'0"; 8'0" x 7'6"; 8'0" x 8'0"; 8'0" x 9'0";
8'0" x 10'0"; 10'0" x 10'0"; 10'0" x 12'0".

Larger size built upon order for exact size of opening.

ELECTRIC OPERATORS

Electric operation to open or close doors by pushing a button is possible by having McKee Electric Operators. A Motor with silent, built-in gear reduction is mounted on a track over the center of the door. A carriage operates in the track being chain driven by the motor. The carriage is fastened with substantial arms to the top door section, moving backward and forward in the track to open or close the door.

CHAIN HOIST

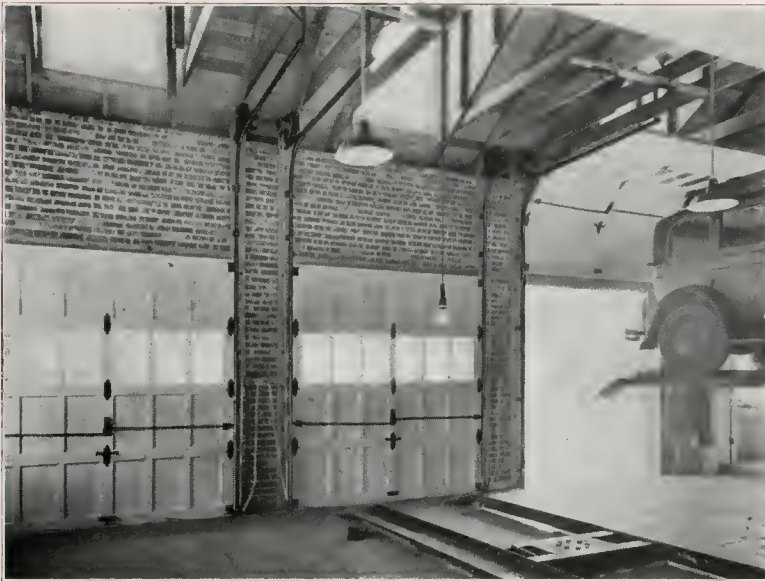
Adaptable for heavy and very large doors for ease in manual operation.

WOOD DOORS—Metal Covered

Special construction to fill certain requirements in door installation can be made to fill specific requirements.

SPECIAL CONSTRUCTION FEATURES

HIGH-LIFT DOORS

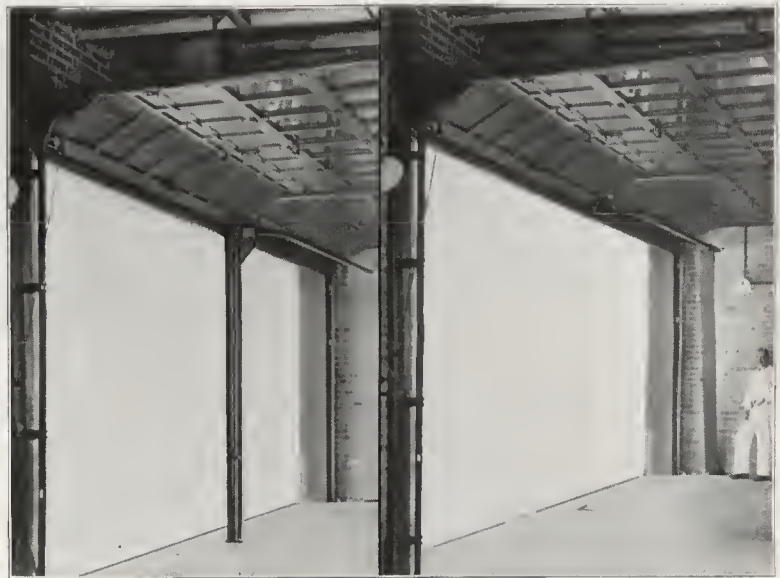


Additional clearance above door opening for certain buildings is easily secured by special designed **McKEE DOORS**. They are especially adaptable for Service Stations using a hoist underneath door, and are used to advantage in warehouses and loading platforms to allow additional space for storage and trucking in the building.

A perfect counter-balance without the use of added sections above the door lintel is maintained by a variable sheave cone on which the cable wraps.

REMOVABLE CENTER POST

Where very wide unobstructed openings are required a movable center post may be used. The two illustrated views shown demonstrate this construction. The removable post is easily rolled on ball bearing rollers out of the way. The post locks securely into position. When unlocked it may be freely rolled on its track to side of building.



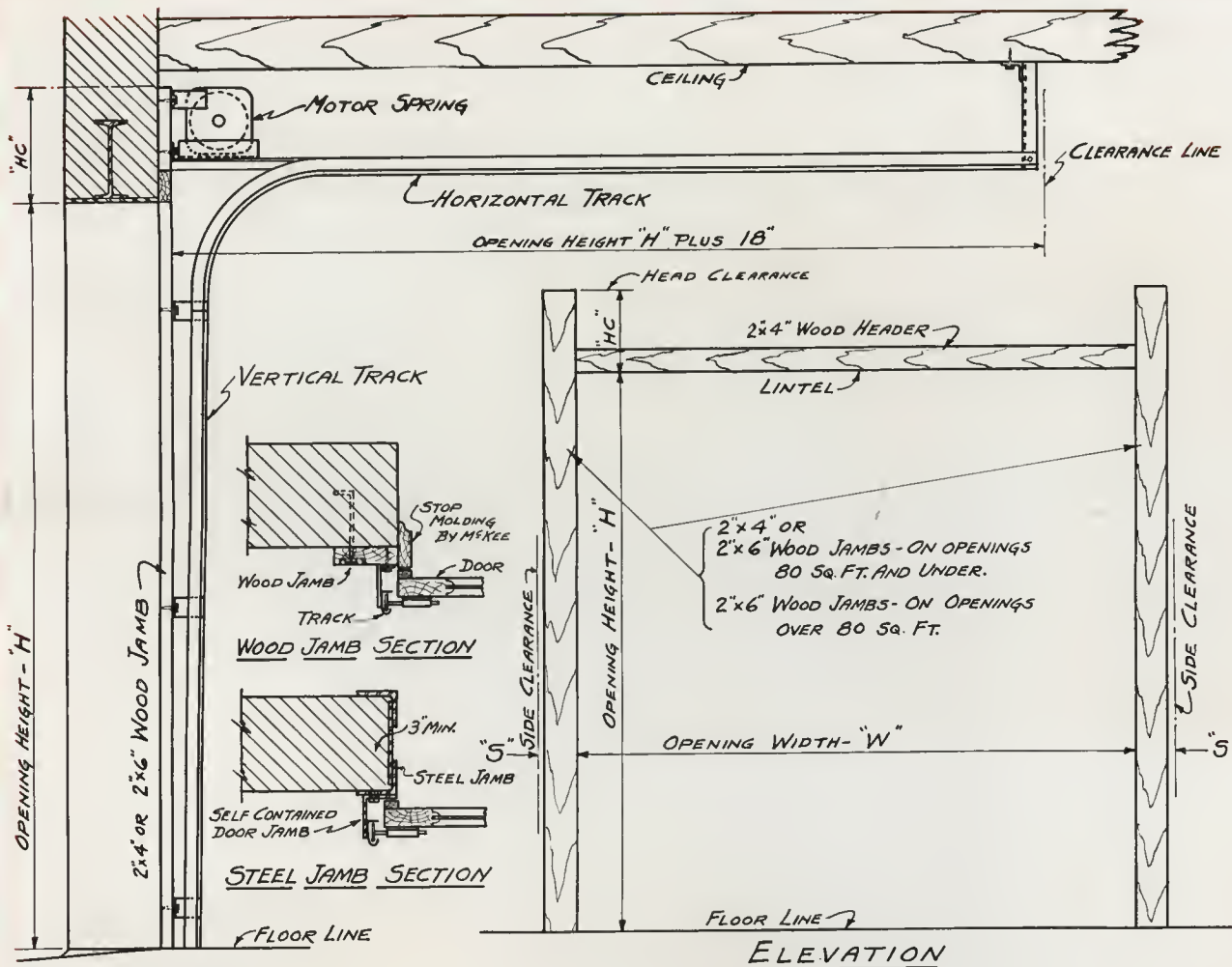
ELECTRIC OPERATORS

McKEE DOORS of all sizes can be fitted with electric operators where automatic control is desired. The operators are simple in design, quick, and positive in action. Merely pushing a button control switch opens or closes the door.

Chain hoist for manual operation may be used as required for very heavy or large doors.

Weight counter-balance doors can be furnished for special door construction.

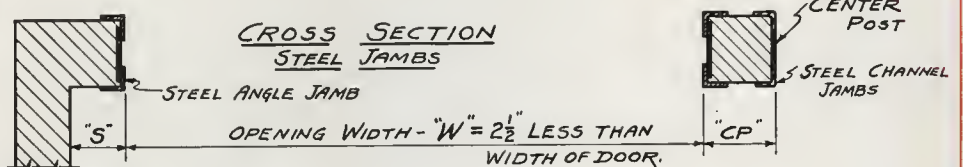
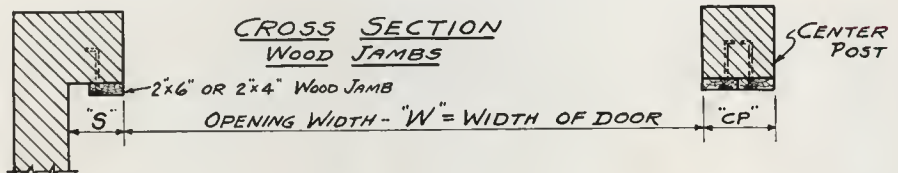
Write McKee Door Co., Engineering Dept., for helpful information solving your door problems.



VERTICAL SECTION THRU OPENING

IMPORTANT NOTE:-

IF CLEARANCES LISTED ARE NOT AVAILABLE SEND COMPLETE DATA (OPENING SIZE AND ALL CLEARANCES) TO ENG. DEPT. AND DETAILS WILL BE SENT AS TO HOW DOORS MAY BE ARRANGED TO COMPLY WITH CONDITIONS.



- CLEARANCE DATA SCHEDULE -

SPECIAL FEATURES	OPENING SIZE	TYPE OF JACK CONSTRUCTION	HEAD CLEARANCE & JACK EXTENSION "HC"	SIDE CLEARANCE "S"	MIN. WIDTH OF CENTER POST "CP"
	80- SQ. FEET AND UNDER	WOOD	14"	4"	8"
		STEEL	15"	5"	10 1/2"
	OVER 80- SQ. FEET.	WOOD	16"	6"	12"
		STEEL	17"	7"	14 1/2"
CENTER TRACK	USE ON DOORS 14'-0" WIDE & OVER		20"	AS ABOVE	AS ABOVE
CHAIN HOIST	ADVISE USING ON DOORS 144 SQ. FT. AND OVER		20"	6" ONE SIDE, 10" OTHER SIDE	AS ABOVE
ELECTRIC OPERATOR	FOR ALL SIZE DOORS		20"	AS ABOVE	AS ABOVE
ADDITIONAL CLEARANCE DOORS	ALL SIZES		TRACK MAY GO TO WITHIN 5" OF CEILING	AS ABOVE	AS ABOVE

McKEE DOOR CO.
6224- S. OAKLEY AVE
CHICAGO-ILL

**JAMB CONSTRUCTION
AND
CLEARANCE DATA.**

McKEE DOORS Welcome Every Season

Wind, Sleet, Ice or
Snow have no effect
on their Performance



FACTS THAT MAKE McKEE DOORS THE BEST VALUE

Construction and Safety Features

- Motor spring encased—Safe—Ample reserve.
- Steel aeroplane cable to raise and lower door.
- Strikingly simple mechanical construction.
- Exact counter-balance.
- Ball-bearing rollers and spring assembly.
- Rigid construction in door and hardware.
- Designs to conform with various types of architecture.
- Attractive in appearance.

Economy

- Conserves space.
- Saves time.
- Reliability and long life.
- Provides a full opening.
- Improves Real Estate Value.

Performance

- Smoother operation.
- Easier to open and close.
- Door can be opened and closed quickly.
- Quieter operation.
- Lock or unlock from either side.
- Will insure tight fit.
- Not affected by wind, snow or ice.

General

McKEE DOORS are built to fill a specific need and have proven worthy through performance.

Choose carefully—Enjoy the all-year-round protection and convenience afforded by **McKEE DOORS**. They are trouble-proof and lasting. They surpass all other doors.



McKEE DOORS
Welcome Every
Season



Digitized by:



ASSOCIATION FOR PRESERVATION TECHNOLOGY

www.apti.org

For the

BUILDING TECHNOLOGY HERITAGE LIBRARY

<https://archive.org/details/buildingtechnologyheritagelibrary>

From the collection of:



SOUTHEASTERN ARCHITECTURAL ARCHIVE
SPECIAL COLLECTIONS
HOWARD-TILTON MEMORIAL LIBRARY

<http://seaa.tulane.edu>

